(1) GENERAL INFORMATION:

    (i) APPLICANT:
        (A) NAME: APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.
        (B) STREET: 14 JOHN B. GORSIRAWEG
        (C) CITY: CURACAO
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        (F) POSTAL CODE (ZIP): NONE
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    (ii) TITLE OF INVENTION: AMINO-TERMINALLY TRUNCATED MCP-2 AS
    CHEMOKINE ANTAGONISTS

    (iii) NUMBER OF SEQUENCES: 4

    (iv) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 99 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS:
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: protein

    (iii) HYPOTHETICAL: NO

    (ix) FEATURE:
        (A) NAME/KEY: Protein
        (B) LOCATION:1..76

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

```
Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Met Ala Ala Thr
          -20                 -15                 -10

Phe Ser Pro Gln Gly Leu Ala Gln Pro Asp Ser Val Ser Ile Pro Ile
          -5                  1                   5

Thr Cys Cys Phe Asn Val Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu
10                  15                  20                  25

Glu Ser Tyr Thr Arg Ile Thr Asn Ile Gln Cys Pro Lys Glu Ala Val
          30                  35                  40
```

```
Ile Phe Lys Thr Lys Arg Gly Lys Glu Val Cys Ala Asp Pro Lys Glu
            45                  50                  55

Arg Trp Val Arg Asp Ser Met Lys His Leu Asp Gln Ile Phe Gln Asn
            60                  65                  70

Leu Lys Pro
    75
```

(2) INFORMATION FOR SEQ ID NO: 2:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 99 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS:
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: protein

    (iii) HYPOTHETICAL: NO

    (ix) FEATURE:
        (A) NAME/KEY: Protein
        (B) LOCATION:1..76

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

```
Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Met Ala Ala Thr
            -20                 -15                 -10

Phe Ser Pro Gln Gly Leu Ala Gln Pro Asp Ser Val Ser Ile Pro Ile
        -5              1               5

Thr Cys Cys Phe Asn Val Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu
10                  15              20                      25

Glu Ser Tyr Thr Arg Ile Thr Asn Ile Gln Cys Pro Lys Glu Ala Val
            30                  35                  40

Ile Phe Lys Thr Gln Arg Gly Lys Glu Val Cys Ala Asp Pro Lys Glu
            45                  50                  55

Arg Trp Val Arg Asp Ser Met Lys His Leu Asp Gln Ile Phe Gln Asn
            60                  65                  70

Leu Lys Pro
    75
```

(2) INFORMATION FOR SEQ ID NO: 3:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 71 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS:
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: protein

(iii) HYPOTHETICAL: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

```
Ser Ile Pro Ile Thr Cys Cys Phe Asn Val Ile Asn Arg Lys Ile Pro
1               5               10              15

Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile Thr Asn Ile Gln Cys Pro
        20              25              30

Lys Glu Ala Val Ile Phe Lys Thr Lys Arg Gly Lys Glu Val Cys Ala
        35              40              45

Asp Pro Lys Glu Arg Trp Val Arg Asp Ser Met Lys His Leu Asp Gln
    50              55              60

Ile Phe Gln Asn Leu Lys Pro
65              70
```

(2) INFORMATION FOR SEQ ID NO: 4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 71 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS:
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: protein

    (iii) HYPOTHETICAL: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

```
Ser Ile Pro Ile Thr Cys Cys Phe Asn Val Ile Asn Arg Lys Ile Pro
1               5               10              15

Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile Thr Asn Ile Gln Cys Pro
        20              25              30

Lys Glu Ala Val Ile Phe Lys Thr Gln Arg Gly Lys Glu Val Cys Ala
        35              40              45

Asp Pro Lys Glu Arg Trp Val Arg Asp Ser Met Lys His Leu Asp Gln
    50              55              60

Ile Phe Gln Asn Leu Lys Pro
65              70
```